International application No.
PCT/JP2004/008639

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A. CLASSIFIC	CATION OF SUBJECT MATTER G06F17/60		
According to Int	ernational Patent Classification (IPC) or to both natio	nal classification and IPC	
B. FIELDS SE	ARCHED		
	nentation searched (classification system followed by G06F17/60	classification symbols)	
Jitsuyo Kokai J	itsuyo Shinan Koho 1971-2004 C	Coroku Jitsuyo Shinan Koho Jitsuyo Shinan Toroku Koho	1994–2004 1996–2004
Electronic data t	pase consulted during the international search (name or	f data base and, where practicable, search to	erms used)
C. DOCUMEN	NTS CONSIDERED TO BE RELEVANT	· · · · · · · · · · · · · · · · · · ·	
Category*	Citation of document, with indication, where	appropriate, of the relevant passages	Relevant to claim No.
·Y			1-30
Y	JP 2003-44414 A (Toshiba Tell 14 February, 2003 (14.02.03) Full text; all drawings (Family: none)	c Corp.),	1-30
Y	JP 2002-259285 A (Toshiba Co 13 September, 2002 (13.09.02 Full text; all drawings (Family: none)		1-30
× Further do	cuments are listed in the continuation of Box C.	See patent family annex.	
"A" document di to be of parti "E" earlier applic filing date "L" document we cited to esta	gories of cited documents: efining the general state of the art which is not considered icular relevance cation or patent but published on or after the international hich may throw doubts on priority claim(s) or which is ablish the publication date of another citation or other n (as specified)	"T" later document published after the inte	tion but cited to understand vention laimed invention cannot be ered to involve an inventive
"P" document put the priority d	ferring to an oral disclosure, use, exhibition or other means oblished prior to the international filing date but later than late claimed completion of the international search	combined with one or more other such a being obvious to a person skilled in the "&" document member of the same patent fa	documents, such combination art mily
26 July	. 2004 (26.07.04)	Date of mailing of the international searc 10 August, 2004 (10	
	g address of the ISA/ e Patent Office	Authorized officer	
Facsimile No. Form PCT/ISA/21((second sheet) (January 2004)	Telephone No.	

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A.			BJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Name and mailing address of the ISA/

Facsimile No.

Japanese Patent Office

Form PCT/ISA/210 (second sheet) (January 2004)

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004

Kokai Jitsuyo Shinan Koho 1971–2004 Jitsuyo Shinan Toroku Koho 1996–2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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.Y	WO 01/82156 A1 (Sony Communication Network Kabushiki Kaisha), 01 November, 2001 (01.11.01), Full text; all drawings & JP 2002-7410 A & US 2003-78833 A1 & AU 4881501 A & GB 2379061 A	1-30
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Υ	JP 2002-259285 A (Toshiba Corp.), 13 September, 2002 (13.09.02), Full text; all drawings (Family: none)	1-30

Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: later document published after the international filing date or priority "A" document defining the general state of the art which is not considered date and not in conflict with the application but cited to understand the principle or theory underlying the invention to be of particular relevance earlier application or patent but published on or after the international "E" document of particular relevance; the claimed invention cannot be filing date considered novel or cannot be considered to involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is document referring to an oral disclosure, use, exhibition or other means combined with one or more other such documents, such combination document published prior to the international filing date but later than being obvious to a person skilled in the art the priority date claimed document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 26 July, 2004 (26.07.04) 10 August, 2004 (10.08.04)

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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